

AMENDMENTS TO THE CLAIMS

Claims 1 - 12. (Canceled)

13. (New) A process for the production of a foam web or a foam sheet, wherein the foam web or form sheet comprises a polymer selected from the group consisting of polysulfones, polyetherimides, polyether ketones, and styrene-acrylonitrile copolymer (SAN), acrylonitrile-butadiene-styrene copolymer (ABS), and acrylonitrile-styrene-acrylate copolymer (ASA), and mixtures thereof comprising extruding a melt which comprises the polymer and a blowing agent, and then foaming of the melt,

which comprises the additional presence in the melt of from 5 to 50% by weight, based on the polymer, of a filler selected from

A) a fibrous filler A,

B) at least one particulate filler B selected from the group consisting of calcium carbonate, calcium sulfate, magnesium carbonate, barium sulfate, mica, zeolites and silicates, or a mixture of A) and B).

14. (New) The process according to claim 13, wherein the styrene-acrylonitrile copolymer has acrylonitrile content of from 20 to 35% by weight.

15. (New) The process according to claim 13, wherein glass fibers are used as fibrous filler A.

16. (New) The process according to claim 13, wherein when the filler A is used, the average fiber length of the fibrous filler A is from 0.1 to 10 nm prior to the mixing with the polymer.

17. (New) The process according to claim 13, wherein when filler A is used, the average fiber diameter of the fibrous filler A is from 2 to 40 μm prior to the mixing with the polymer.

18. (New) The process according to claim 13, wherein the melt comprises from 0.01 to 2% by weight of talc, based on the polymer, as nucleating agent.

19. (New) The process according to claim 13, wherein when filler B is used, the average particle diameter of the particulate filler B is from 0.1 to 1000 μm prior to the mixing with the polymer.

20. (New) The process according to claim 13, wherein the amount of blowing agent is from 0.1 to 15% by weight, based on the polymer.

21. (New) The process according to claim 13, wherein a mixture composed of two polymers I and II is used as polymer, where the polymer I comprises no filler, and the polymer II comprises the fibrous filler A or the particulate filler B, or a mixture of fibrous filler A and particulate filler B.

22. (New) The process according to claim 13, wherein the blowing agent is selected from the group consisting of water, CO_2 , acetone, ethanol and mixtures thereof.

23. (New) A foam web or a foam sheet, the web or sheet being obtainable by the process according to claim 13.

24. (New) A foam web or a foam sheet according to claim 23, whose density, determined to DIN EN 826, is from 15 to 200 g/l.

DISCUSSION OF THE AMENDMENTS

Claims 1-12 are canceled without prejudice or disclaimer.

Claims 13-24 are new.

Upon entry of the amendments, claims 13-24 will be active.

New claims 13-24 are supported by the specification and original claims 1-12.

No new matter has been added.